

**State of California**  
Department of Food and Agriculture  
Division of Measurement Standards

Certificate Number: 2283(c)-00  
Page 1 of 2

***California Type Evaluation Program***  
***Certificate of Approval***  
***for Weighing Devices***

**For:**

Mechanical Vehicle Scale, Weighing Element  
Pit Type Steel  
Model: See Below  
 $n_{\max}$ : 10 000;  $e_{\min}$ : 10 lb  
Capacity: See Below  
Platform: See Below  
CLC: 12 ton to 20 ton

Accuracy Class: III L

**Submitted by:**

American Scale Co., Inc.  
4338 East Washington Blvd.  
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Contact: Susan Brittingham

**Standard Features and Options**

Installations must satisfy the relationship of  $v_{\min} \# d/N$  ( $d$  = the division size and  $N$  = number of load cells) and nominal capacity  $\# CLC \times (N - 0.5)$ , where  $N$  is the number of sections in the scale.

Model Number	Platform Size (feet)	Capacity (ton)	CLC (ton)	Number of Section	Section Capacity (ton)
2X2410	24 x 10	20	12	2	15
2X3510	35 x 10	20	12	2	15
3X3010	30 x 10	30	12	3	15
3X3510	35 x 10	30	12	3	15
5X3410	34 x 10	50	12	3	15
5X4010	40 x 10	50	20	3	25
5X4510	45 x 10	50	20	4	25
5X5010	50 x 10	50	20	4	25
5X6010	60 x 10	50	20	4	25
5X6510	65 x 10	50	20	4	25
5X7010	70 x 10	50	20	5	25
5X9010	90 x 10	50	20	5	25
5X15010	150 x 10	50	20	7	25
6X6510	65 x 10	60	20	4	25
6X7010	70 x 10	60	20	4	25
8X6512	65 x 12	80	20	5	25
8X7012	70 x 12	80	20	5	25
10X6512	65 x 12	100	20	5	25
10X7012	70 x 12	100	20	5	25

Deck type: Concrete

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: January 18, 2000

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Barbara J. Bloch, Director

**American Scale Co., Inc.**  
**Mechanical Vehicle Scale, Weighing Element**

**Application:** For use in general purpose weighing of vehicles when interfaced with a compatible indicating element.

The indicating element can be a mechanical weighbeam or mechanical dial of an approved and compatible type. The indicating element is attached to the weighing element by means of a steelyard and draft-rod assembly.

A load cell can be added to the steelyard or draft-rod assembly to provide either a mechanical or an electronic indicating element. In this case, the load cell and electronic indicator must be approved and compatible.

The mechanical indicating element can be eliminated and an approved and compatible load cell added to the end of the transverse lever. An approved and compatible electronic indicating element must also be used.

**Identification:** The identification plate is mounted on the weighbridge and is visible when viewed from the lever system access panel.

**Sealing:** The overall calibration can be sealed at the indicator in accordance with the sealing provisions described for the compatible, approved indicator.

**Test Conditions:** This certificate supersedes Certificate of Approval Number 2283(b)-89 and is issued to include the Model 5X4010. Parameters of the Model 5X4010 are within the scope of the certificate and are added without additional testing.

The previous certificates are listed below for reference.

**Certificate of Approval Numbers 2283(b)-89, 2283(a)-88 and 2283-83:** The scales were originally approved on Certificate of Approval Number 2012-70 (Carey Scale and Equipment Company, Inc.).

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 1999 Edition.

**Updated Reviewed By:** Norman Ingram (CA)